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Data Processing Survey

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FMI

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DATA PROCESSING SURVEY - 1984

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The Food Marketing Institute (FMI) is a non-profit association that conducts programs in research, education and public affairs on behalf of its 1,100 members -- food wholesalers and retailers and their customers in the United States and overseas. FMI's domestic member companies operate over 17,000 retail food stores with a combined annual sales volume of $125 billion -- half of all grocery sales in the United States. More than three-fourths of FMI's membership is comprised of independent supermarket operators or small regional firms. Its international membership includes more than 100 members from 40 nations.

F O R E W O R D

DATA PROCESSING SURVEY - 1984

With the guidance of the Advanced Management Information System (AMIS) Committee, the 1984 survey has been expanded to include more complete information on data processing employees. In particular, the data processing personnel tables have been broken into two groups to include not only information by company, but also separately for the Data Processing Department. Questionnaires were mailed to the Vice President of Data Processing of the 220 FMI member companies with sales of $50 million or more. With follow-up mailings, usable questionnaires were returned by 67 companies. A copy of the questionnaire has been included in this report.

The survey results have been tabulated by size of company, and whether a retailer or wholesaler. Where appropriate, the data has been weighted by size of company in calculating the reported means. For data processing expense as a percent of sales, a complete listing of all the reported data is given.

The companion publication, FMI's 1984 Data Processing Directory, provides information on hardware, software and systems development activities at 72 food retailers and wholesalers. It may be ordered from FMI's Publication Sales Department at a price of $30.00 for FMI members and $60.00 for non-members (an order form is included in the back of this report).

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TABLE 1

Number of Respondents by Size and Type of Company

Company Size	Number of Companies		
	Retailers	Wholesalers	Total
$ 50m to $ 99m	4	2	6
$100m to $249m	13	-	13
$250m to $499m	12	1	13
$500m to $999m	14	3	17
$1 billion +	12	6	18
Total	55	12	67

TABLE 2

Average Number of Data Processing Employees (excluding data entry) by Size and Type of Company

Company Size	Number of Employees	
	Retailers	Wholesalers
$50m to $ 99m	22.4	38.5
$100m to $249m	7.5	NA
$250m to $499m	25.3	15.5
$500m to $999m	30.3	57.7
$1 billion +	120.2	67.0
Average	44.1	55.6

TABLE 3

Company Sales (in million dollars) Per Data Processing Employee (excluding data entry) by Size and Type of Company

Company Size	Sales Per DP Employee	
	Retailers	Wholesalers
$ 50m to $ 99m	$ NA	$ 1.1
$100m to $249m	20.4	NA
$250m to $499m	14.8	19.4
$500m to $999m	20.8	12.5
$1 billion +	32.4	22.0
Average	$ 26.5	$ 17.1

TABLE 4A

Proportion of Data Processing Employees (excluding data entry) in Each Job Title by Size of Retailer
Total Company

Job Titles	$50m-$99m	$100m-$249m	$250m-$499m	$500m-$999m	$1 bil. & over	Average
DP Administration						
General Administration	3.2%	10.0%	8.9%	5.3%	6.2%	6.4
Systems						
Administration & Management	4.1%	3.4%	2.9%	5.3%	4.1%	4.1%
Data Base/Data Administration	.9	.8	2.5	1.4	2.6	2.3
Project Management	4.5	5.5	4.0	3.2	2.6	3.0
Development (Prog/Anal)	26.7	20.6	33.5	33.0	29.8	30.2
Technical Support	5.4	6.3	3.8	4.8	4.4	4.5
Other	-	-	-	2.4	1.6	1.5
Total Systems	41.6%	36.6%	46.7%	50.2%	45.1%	45.5%
Operations						
Admin., Mgmt. & Suprvsn.	8.1%	5.5%	4.6%	6.0%	6.7%	6.4%
Operations	29.9	20.4	28.3	21.1	28.4	27.0
Other	7.2	3.1	1.3	6.0	2.7	3.2
Total Operations	45.2%	29.0%	34.2%	33.0%	37.9%	36.6%
Additional Support Areas						
Store Systems Support	-	14.1%	2.9%	4.6%	3.0%	3.6%
Scanning Support	7.2%	6.3	2.5	4.0	2.5	3.1
Information Center	-	3.9	1.9	.4	1.8	1.6
Help Desk	2.7	-	1.9	.7	.7	.8
Data Security	-	-	.3	.2	.3	.3
Telecommunications Voice	-	-	.3	.9	1.5	1.1
Telecommunications Data	-	-	.3	.7	1.1	.8
Total Addit. Support Areas	10.0%	24.3%	10.2%	11.5%	10.8%	11.4%
Total Data Processing	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

(*= Percent less than .05)

TABLE 4B

Proportion of Data Processing Employees (excluding data entry) in Each Job Title by Size of Wholesaler
Total Company

Job Titles	$50m-$99m	$100m-$249m	$250m-$499m	$500m-$999m	$1 bil. & over	Average
DP Administration						
General Administration	6.5%	NA	6.5%	6.0%	6.9%	6.6%
Systems						
Administration & Management	3.9%	-	9.7%	5.5%	4.4%	4.8%
Data Base/Data Administration	1.3	-	6.5	3.8	.7	1.8
Project Management	6.5	-	3.2	3.8	4.0	4.2
Development (Prog/Anal)	26.0	-	32.3	29.7	29.4	29.1
Technical Support	2.6	-	6.5	6.6	5.2	5.3
Other	3.9	-	-	-	.2	.6
Total Systems	44.2%	-	58.1%	49.5	44.0	45.8
Operations						
Admin., Mgmt. & Suprvsn.	13.0%	-	6.5%	5.5%	8.6%	8.2%
Operations	31.2	-	12.9	18.7	21.7	21.8
Other	-	-	3.2	6.0	10.1	7.7
Total Operations	44.2%	-	22.6%	30.2%	40.5%	37.7%
Additional Support Areas						
Store Systems Support	-	-	6.5%	1.1%	4.7%	3.2%
Scanning Support	-	-	6.5	3.8	2.5	2.6
Information Center	1.3%	-	-	4.9	-	1.5
Help Desk	3.9	-	-	3.8	1.2	2.2
Data Security	-	-	-	-	-	-
Telecommunications Voice	-	-	-	-	-	-
Telecommunications Data	-	-	-	.5	.2	.3
Total Addit. Support Areas	5.2%	-	12.9%	14.3%	8.6%	9.9%
Total Data Processing	100.0%	NA	100.0%	100.0%	100.0%	100.0%

(*= Percent less than .05)

TABLE 4C

Proportion of Data Processing Employees (excluding data entry) in Each Job Title by Size of Retailer
DP Department

Job Titles	$50m-$99m	$100m-$249m	$250m-$499m	$500m-$999m	$1 bil. & over	Average
DP Administration						
General Administration	3.9%	12.0%	8.2%	5.4%	6.3%	6.5%
Systems						
Administration & Management	5.0%	4.6%	3.0%	5.4%	4.1%	4.2%
Data Base/Data Administration	1.1	1.1	2.6	1.5	2.7	2.4
Project Management	5.6	6.4	3.8	3.1	2.7	3.1
Development (Prog/Anal)	33.0	27.6	34.6	34.6	31.1	32.0
Technical Support	6.7	8.5	3.9	5.0	4.6	4.8
Other	-	-	-	2.6	1.7	1.5
Total Systems	51.4%	48.1%	47.9%	52.2%	47.1%	48.1%
Operations						
Admin., Mgmt. & Suprvsn.	6.7%	5.8%	4.8%	6.3%	7.1%	6.7%
Operations	20.1	24.4	28.9	22.2	28.3	27.1
Other	8.9	4.3	1.3	6.3	2.8	3.4
Total Operations	35.8%	34.5%	35.0%	34.8%	38.3%	37.2%
Additional Support Areas						
Store Systems Support	-	1.1%	2.3%	2.8%	1.8%	1.9%
Scanning Support	5.6%	2.1	2.3	2.8	1.7	2.0
Information Center	-	2.1	1.3	.2	1.6	1.3
Help Desk	3.4	-	2.0	.7	.5	.8
Data Security	-	-	.3	-	.3	.3
Telecommunications Voice	-	-	.3	.5	1.3	1.0
Telecommunications Data	-	-	.3	.7	1.1	.9
Total Addit. Support Areas	8.9%	5.3%	8.9%	7.7%	8.4%	8.2%
Total Data Processing	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

(*= Percent less than .05)

TABLE 4D

Proportion of Data Processing Employees (excluding data entry) in Each Job Title by Size of Wholesaler DP Department

Job Titles	$50m-$99m	$100m-$249m	$250m-$499m	$500m-$999m	$1 bil. & over	Average
DP Administration						
General Administration	6.5%	NA	6.5%	6.4%	7.0%	6.7%
Systems						
Administration & Management	3.9%	-	9.7%	5.8%	4.5%	4.9%
Data Base/Data Administration	1.3	-	6.5	4.0	.7	1.8
Project Management	6.5	-	3.2	4.0	4.0	4.3
Development (Prog/Anal)	26.0	-	32.3	31.2	29.6	29.7
Technical Support	2.6	-	6.5	6.9	5.2	5.4
Other	3.9	-	-	-	.2	.6
Total Systems	44.2%	-	58.1%	52.0%	44.3%	46.6%
Operations						
Admin., Mgmt. & Suprvsn.	13.0%	-	6.5%	5.8%	8.7%	8.4%
Operations	31.2	-	12.9	19.7	21.9	22.2
Other	-	-	3.2	6.4	10.2	7.9
Total Operations	44.2%	-	22.6%	31.8%	40.8%	38.4%
Additional Support Areas						
Store Systems Support	-	-	6.5%	1.2%	4.7%	3.3%
Scanning Support	-	-	6.5	1.2	1.7	1.5
Information Center	1.3%	-	-	5.2	-	1.5
Help Desk	3.9	-	-	1.7	1.2	1.6
Data Security	-	-	-	-	-	-
Telecommunications Voice	-	-	-	-	-	-
Telecommunications Data	-	-	-	.6	.2	.3
Total Addit. Support Areas	5.2%	-	12.9%	9.8%	8.0%	8.2%
Total Data Processing	100.0%	NA	100.0%	100.0%	100.0%	100.0%

(*= Percent less than .05)

TABLE 5

Data Entry Employees by Company Size and Type

	$50m-$99m	$100m-$249m	$250m-$499m	$500m-$999m	$1 bil. & over	Average
Data Entry Employees						
Retailers						
Average Number in DP Dept	3.8	1.9	5.8	8.1	41.6	13.1
Average Number in Other Dept.	3.0	1.6	.3	2.4	13.8	4.3
Wholesalers						
Average Number in DP Dept.	8.5	-	9.0	11.3	15.7	12.8
Average Number in Other Dept.	-	-	-	1.0	1.8	1.2

REVISED DATA

TABLE 6A

Average Data Processing Expense Including Employee Fringes, by Size of Retailer

	$50m-$99m	$100m-$249m	$250m-$499m	$500m-$999m	$1 bil. & over	Average
EXPENSE BUDGET						
Average DP Expense Budget	NA	$351,700	$951,100	$1,891,200	$11,810,300	$3,349,000
Average Expense Budget as a % of Company Net Sales	-	.66	.30	.38	.34	.36
Average Expected Increase Next Year	-	12.7%	14.9%	10.7%	10.2%	10.6%
Actual DP Expense this Fiscal Year as a % of Company Net Sales	NA	.67	.30	.40	.30	.32

TABLE 6B

Average Data Processing Expense Including Employee Fringes, by Size of Wholesaler

	$50m-$99m	$100m-$249m	$250m-$499m	$500m-$999m	$1 bil. & over	Average
EXPENSE BUDGET						
Average DP Expense Budget	$2,125,500	-	-	$4,036,000	$5,229,000	$3,977,800
Average Expense Budget as a % of Company Net Sales	.42	-	-	.56	.34	.41
Average Expected Increase Next Year	4.5%	-	-	8.5%	8.1%	7.8%
Actual DP Expense this Fiscal Year as a % of Net Sales	.40	-	-	.60	.43	.47

TABLE 7

Expected Increase in Data Processing Budget
Next Year Listed by Size and Type of Company

Company Size	Listing of Expected DP Increase	
	Retailers	Wholesalers
$ 50m to $ 99m	10.0%	1.0% 5.0%
$100m to $249m	1.0% 2.0% 10.0% 15.7 20.0 25.0 34.0	NA
$250m to $499m	.1% 3.0% 4.0% 9.7 10.0 15.0 30.0	NA
$500m to $999m	.1% .5% 5.0% 6.0 8.0 10.0 10.0 10.0 10.0 16.0 22.5	.7% 15.0%
$1 billion +	4.5% 7.0% 7.0% 10.0 10.0 10.0 10.0 10.0 14.0 16.0	.6% 4.0% 5.0% 10.0 10.0 15.0

REVISED DATA

TABLE 8A

Data Processing Expense Budget as a Percent of Net Company Sales Listed by Size and Type of Company

Company Size	Listing of DP Expense as Percent of Sales					
	Retailers			Wholesalers		
$ 50m to $ 99m	.20%			.37%	.60%	
$100m to $249m	.10%	.10%	.10%			
	.14	.20	.34		NA	
	.92					
$250m to $499m	.14%	.16%	.20%			
	.22	.23	.25		NA	
	.26	.30	.38			
	.40					
$500m to $999m	.11%	.15%	.17%	.43%	.54%	.75%
	.20	.20	.22			
	.26	.39	.40			
	.40	.85	1.00			
$1 billion +	.08%	.21%	.25%	.06%	.27%	.33%
	.30	.31	.32	.35	.37	.6
	.36	.40	.41			
	.41	.47	.8			

TABLE 8B

Actual Data Processing Expenses
Most Recent Fiscal Year
as a Percent of Net Company Sales Listed by
Size and Type of Company

Company Size	Listing of DP Expense as Percent of Sales					
	Retailers			Wholesalers		
$ 50m to $ 99m	.20%			.37%	.70%	
$100m to $249m	.09%	.10%	.10%			
	.15	.17	.34		NA	
	.92					
$250m to $499m	.13%	.18%	.19%			
	.19	.20	.23		NA	
	.24	.27				
$500m to $999m	.01%	.10%	.15	.41%	.49%	.72%
	.18	.18	.20			
	.21	.22	.30			
	.85	1.00				
$1 billion +	.08%	.22%	.22%	.33%	.34%	.48%
	.25	.27	.29			
	.32	.33	.36			
	.37	.39	.53			

TABLE 9A

Distribution of Total Data Processing Expense Budget this Fiscal Year by Size of Retailer

Expenses	$50m-$99m	$100m-$249m	$250m-$499m	$500m-$999m	$1 bil. & over	Average
Wages, Salaries	NA	48.3%	34.3%	39.7%	39.1%	39.1%
Employee Fringes	-	9.2	7.5	7.9	8.6	8.4
Equipment Rental	-	11.4	25.5	19.3	19.7	19.8
Equipment Maintenance	-	3.5	3.8	4.0	1.9	2.3
Equipment Depreciation	-	3.0	4.3	5.8	3.4	3.7
Software Rental, Amortization	-	7.7	6.8	5.0	7.4	7.1
Voice Communications	-	.1	.1	.7	1.9	1.6
Data Communications	-	.2	.8	.7	2.0	1.7
Service Bureaus	-	.8	.1	-	2.4	1.5
Outside Professional Services	-	2.0	3.6	.6	1.2	1.3
Education, Training	-	1.7	1.2	.4	.7	.7
Supplies	-	6.4	8.6	10.8	5.0	6.0
Overhead (occupancy, copier, printing)	-	5.7	1.0	2.2	4.1	3.8
Disaster Recovery	-	*	.3	-	.3	.3
Other	NA	*	2.1	2.9	2.3	2.3
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

(*=Percent less than .05)

TABLE 9B

Distribution of Total Data Processing Expense Budget this Fiscal Year by Size of Wholesaler

Expenses	$50m-$99m	$100m-$249m	$250m-$499m	$500m-$999m	$1 bil. & over	Average
Wages, Salaries	52.8%	NA	NA	37.2%	34.6%	36.9%
Employee Fringes	19.4	-	-	10.7	7.2	9.1
Equipment Rental	21.7	-	-	30.8	17.6	21.3
Equipment Maintenance	3.3	-	-	3.8	4.6	4.3
Equipment Depreciation	5.5	-	-	2.5	10.8	8.0
Software Rental, Amortization	4.9	-	-	2.5	4.1	3.8
Voice Communications	.8	-	-	.5	.2	.3
Data Communications	.9	-	-	2.7	2.0	2.1
Service Bureaus	-	-	-	-	-	-
Outside Professional Services	1.4	-	-	.6	.4	.5
Education, Training	.8	-	-	.8	.4	.5
Supplies	16.9	-	-	9.5	12.5	12.1
Overhead (occupancy, copier, printing)	5.7	-	-	3.0	4.7	4.3
Disaster Recovery	.8	-	-	-	-	.1
Other	(34.9)	-	-	(3.7)	.9	(3.3)
Total	100.0%	NA	NA	100.0%	100.0%	100.0%

TABLE 10A

Systems Development Activity by Size of Retailer

Activities	$50m-$99m	$100m-$249m	$250m-$499m	$500m-$999m	$1 bil. & over	Average
Internal DP Projects (Research, Performance Improvement, etc.)	14.8%	8.5%	4.7%	6.4%	6.0%	6.3%
Production Problem Solving	-	14.4	4.1	7.5	7.1	6.8
Maintenance of Existing Applications	22.2	12.6	17.9	26.5	15.6	17.9
Enhancement of Existing Applications	1.2	16.9	18.9	25.2	23.5	22.3
New Applications Development	61.8	47.6	54.4	34.4	47.8	46.7
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

TABLE 10B

Systems Development Activity by Size of Wholesaler

Activities	$50m-$99m	$100m-$249m	$250m-$499m	$500m-$999m	$1 bil. & over	Average
Internal DP Projects (Research, Performance Improvement, etc.)	9.6%	NA	NA	15.3%	4.5%	9.4%
Production Problem Solving	5.0	-	-	9.7	7.7	8.1
Maintenance of Existing Applications	29.6	-	-	11.3	26.9	21.3
Enhancement of Existing Applications	26.3	-	-	18.9	16.5	18.8
New Applications Development	29.6	-	-	44.8	44.4	42.4
Total	100.0%	NA	NA	100.0%	100.0%	100.0%

TABLE 11A

Description of DP Department Operation
by Size of Retailer

Services	$50m-$99m	$100m-$249m	$250m-$499m	$500m-$999m	$1 bil. & over	Average
	(Proportion Having)					
Post Implementation Review Process for Systems	75.0%	38.5%	75.0%	42.9%	75.0%	58.2%
Planning Group within DP	50.0	38.5	25.0	35.7	58.3	40.0
Formal Disaster Recovery Plan	25.0	38.5	50.0	28.6	33.3	36.4
Tested Disaster Recovery Plan	25.0	15.4	16.7	7.1	33.3	18.2
Senior Management Steering Committee for Project Priorities	75.0	46.2	83.3	71.4	83.3	70.9
Internal EDP Auditors	-	7.7	8.3	21.4	66.7	23.6
DP Department Responsible for Mail Room	-	7.7	8.3	14.3	16.7	10.9
DP Department Responsible for WP	25.0	23.1	33.3	42.9	41.7	34.5
DP Department Responsible for Voice	-	7.7	16.7	21.4	41.7	20.0
Length of your Long-range DP Plan (Years)	3.0 yrs.	3.2 yrs.	2.8 yrs.	2.5 yrs.	3.6 yrs	3.0 yrs.

TABLE 11B

Description of DP Department Operation
by Size of Wholesaler

Services	$50m-$99m	$100m-$249m	$250m-$499m	$500m-$999m	$1 bil. & over	Average
	(Proportion Having)					
Post Implementation Review Process for Systems	100.0%	NA	NA	33.3%	50.0%	50.0%
Planning Group within DP	50.0	-	-	33.3	50.0	41.7
Formal Disaster Recovery Plan	50.0	-	-	-	16.7	16.7
Tested Disaster Recovery Plan	50.0	-	-	-	-	8.3
Senior Management Steering Committee for Project Priorities	50.0	-	-	66.7	83.3	66.7
Internal EDP Auditors	-	-	-	-	33.3	16.7
DP Department Responsible for Mail Room	-	-	-	-	-	-
DP Department Responsible for WP	-	-	-	66.7	33.3	33.3
DP Department Responsible for Voice	-	-	-	-	16.7	8.3
Length of your Long-Range DP Plan (Years)	1.0 yrs.	-	-	2.3 yrs.	2.0 yrs.	1.8 yrs.

TABLE 12A

Experience with Selected Technologies
by Size of Retailer

	Level of Experience				
	None	Evaluation	Development	Limited Use	Advanced Use
Information Center	26.0%	24.0%	5.0%	27.0%	18.0%
Data Base	14.0	24.0	4.0	14.0	44.0
Distributing Processing	20.0	22.0	16.0	16.0	26.0
Microfiche	15.0	16.0	5.0	35.0	29.0
Laser Printing	31.0	40.0	2.0	9.0	18.0
Computer Graphics	18.0	42.0	9.0	29.0	2.0
Personal Computers	13.0	13.0	5.0	35.0	34.0
4th Gen. Language	31.0	36.0	7.0	11.0	15.0
ATM/EFT	22.0	44.0	9.0	16.0	9.0
UCS	42.0	47.0	4.0	4.0	3.0

TABLE 12B

Experience with Selected Technologies
by Size of Wholesaler

	Level of Experience				
	None	Evaluation	Development	Limited Use	Advanced Use
Information Center	17.0%	58.0%	8.0%	17.0%	-
Data Base	8.0	17.0	8.0	17.0	50.0%
Distributing Processing	17.0	25.0	-	25.0	33.0
Microfiche	8.0	25.0	8.0	42.0	17.0
Laser Printing	17.0	50.0	8.0	-	25.0
Computer Graphics	42.0	42.0	-	8.0	8.0
Personal Computers	9.0	17.0	8.0	33.0	33.0
4th Gen. Language	25.0	33.0	-	25.0	17.0
ATM/EFT	25.0	67.0	8.0	-	-
UCS	42.0	50.0	-	8.0	-

TABLE 13

Personal Computers by Type of Computer

Type of Computer	Currently Installed		Expected Number	Year End
	Companies	Units	Companies	Units
IBM	38	752	40	1149
Apple	14	[illegible]	12	51
TRS-80	10	39	7	11
Other	12	32	8	25

FMI DATA PROCESSING QUESTIONNAIRE
1984

1. In some companies, all Data Processing employees are located in the DP department while in other organizations, "Data Processing" type employees are located in user departments. Please complete the chart below showing the number of employees budgeted for this fiscal year (you may use fractional allocations) with data processing responsibilities by functional responsibility and administrative location in the company.

	Number in DP Department	Number in Other Departments	Total Company
DP Administration			
General Administration	_____	_____	_____
Systems			
Administration & Management	_____	_____	_____
Data Base/Data Administration	_____	_____	_____
Project Management	_____	_____	_____
Development (Analyst/Programmers)	_____	_____	_____
Technical Support	_____	_____	_____
Other	_____	_____	_____
Total Systems	_____	_____	_____
Operations			
Administration, Management, Supervision	_____	_____	_____
Operations	_____	_____	_____
Other	_____	_____	_____
Total Operations	_____	_____	_____
Additional Support Areas			
Store Systems Support	_____	_____	_____
Scanning Support	_____	_____	_____
Information Center	_____	_____	_____
Help Desk	_____	_____	_____
Data Security	_____	_____	_____
Telecommunications Voice	_____	_____	_____
Telecommunications Data	_____	_____	_____
Total Additional Support Areas	_____	_____	_____
Total Employees Excluding Data Entry	_____	_____	_____
Total Data Entry	_____	_____	_____

2. Percent of Total Company Data Processing Expense Budget this Fiscal Year (please exclude all equipment and maintenance costs for in-store systems.)

Wages and Salaries	_____
Employee Fringes	_____
Equipment	
Rental	_____
Maintenance	_____
Depreciation	_____
Software Rental, Ammortization	_____
Voice Communications	_____
Data Communications	_____
Service Bureaus	_____
Outside Professional Services	_____
Education, Training	_____
Supplies	_____
Overhead (occupancy, copier, printing)	_____
Disaster Recovery	_____
Other	_____
Total	100%

3. Company DP Expense Budget for this fiscal year (DP expenses can appear in a variety of areas. Please include all DP expenses in the following chart):

	Data Center(s)	User Departments	In-Store Systems	Total Company
Expense budget for DP Wages & Salaries (excluding benefits)	$_____	$_____	$_____	$_____
Total expense budget for all DP items in Question 2 above	$_____	$_____	$_____	$_____
Total company expense budget for DP this fiscal year as a percent of company net sales	_____%	_____%	_____%	_____%
Acutal DP expense for most recently completed fiscal year as a percent of company net sales	_____%	_____%	_____%	_____%
Expected increase in budget for DP items next year	_____%	_____%	_____%	_____%

4. Percent of Systems Development Activity Allocated to:

Internal DP projects (research, performance improvement, etc.)	_____
Production problem solving	_____
Maintenance of existing applications	_____
Enhancement of existing applications	_____
New applications development	_____
Total	100%

5. Do you have a post implementation review process for systems? . . . . . _____ Yes _____ No

6. Length of your long-range DP plan . . . . . _____ Years

7. Do you have a planning group within DP? . . . . . _____ Yes _____ No

8. Does your company have a formal disaster recovery plan that has been reviewed in the last 12 months? . . . . . _____ Yes _____ No

9. Have you tested your disaster recovery plan? . . . . . _____ Yes _____ No

10. Do you have a Senior Management Steering Committee for establishing project priorities? . . . . . _____ Yes _____ No

11. Do you have internal EDP auditors? . . . . . _____ Yes _____ No

12. Is the DP department responsible for:

Mail Room	_____ Yes	_____ No
WP	_____ Yes	_____ No
Voice	_____ Yes	_____ No

13. Experience with selected technologies (check one box for each technology):

	Level of Experience			
Technologies	Evaluation	Development	Limited Use	Advanced Use
Information Center				
Data Base				
Distrib. Processing				
Micro-fiche				
Laser Printing				
Computer Graphics				
Personal Computers				
4th Generation Language				
ATM/EFT				
UCS				

14. Personal Computers

	IBM Compatible	APPLE Compatible	TRS-80 Compatible	OTHER (Please Specify)	TOTAL
Number currently Installed	_____	_____	_____	_____	_____
Expected Number at Year End	_____	_____	_____	_____	_____

Are personal computers acquired under a DP approval? _____ Yes _____ No

FMI DATA PROCESSING DIRECTORY
1984

The Directory provides company-by-company information on:

- Company Contact
- Processors
- Operating Systems
- DBMS
- Utilities & Operation Support Programs
- Proprietary Applications Software
- Productivity Aids
- POS Support Programs
- POS Applications Programs
- Major Projects in Active Development
- DASD Type
- DASD Access Methods
- Terminal Equipment
- TP Access Methods
- TP Monitors
- Language Compilers/ Processors
- POS Systems
- Order Entry Equipment

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FMI Data Processing Directory
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